

# Converting Colors

Hex(FF96C8)

Have a look what the booklet for  
Hex(FF96C8) contains.

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# **Color**

**Hex(F F 9 6 C 8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF96C8
RGB	255, 150, 200
RGB Percent	100%, 59%, 78%
CMY	0.0000, 0.4118, 0.2157
CMYK	0.00, 0.41, 0.22, 0.00
HSL	331°, 100%, 79%
HSV	331°, 41%, 100%
XYZ	62.5717, 47.2428, 60.4645
YIQ	187.0950, 46.5300, 37.8100

# Conversions

## Conversions Part 2

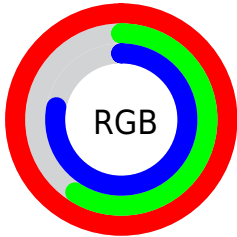
Format	Color
R <sub>Y</sub> B	255, 150, 200
Decimal	16750280
CIE Lab	74.34, 45.54, -8.62
CIE LCh	74, 46.352, 349.278
Yxy	47.2428, 0.3675, 0.2774
Android (android.graphics.Color)	4294940360 (0xFFFF96C8)
YUV	187.0950, 6.3622, 59.5527
Hunter-Lab	68.7334, 42.2145, -4.0438

# Details

The Hex color **FF96C8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **96FFCD**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFCEFF**, and **C46092** is the 20% darker color. If you saturate the color by 10%, you get **FF7DBB**, and if you desaturate by 10%, it is **FFB0D5**.

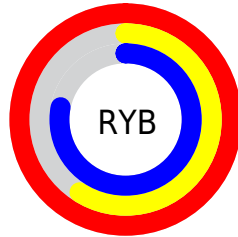
# Distribution



Red (100%)

Green (59%)

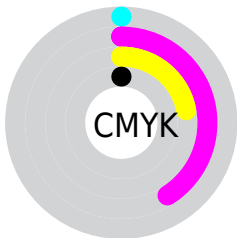
Blue (78%)



Red (100%)

Yellow (59%)

Blue (78%)

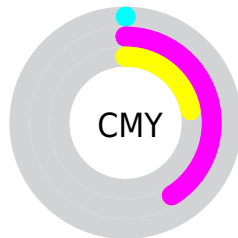


Cyan (0%)

Magenta (41%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF96C8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color FF96C8 by changing the saturation by 10% instead.



 FF96C8

 FF96C8

FFFFFF

 E17BAD

 FFCEFF

 C46092

 FFE8FF

 A84678

 8C2C60

 700C48

 560031

 3C001D

 230001

 000000

 FF96C8

 FF96C8

 FF7DBB

 FFB0D5

 FF63AD

 FFC9E3

 FF4AA0

 FFE3F0

 FF3093

 FFFCFD

 FF1785

FFFFFF

 FF0079

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DDA1EF



FF96C8



FF969D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF96C8



B6BD64



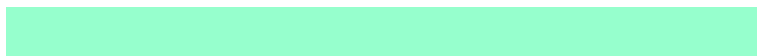
00C9F6

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



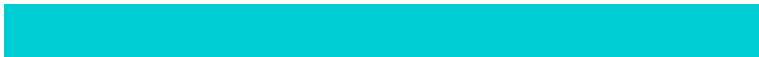
FF96C8



96FFCD

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00CDD2



FF96C8



85C77E

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FF96C8



DFAF62



45CCA6



50C0FF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF96C8



FF9C83



45CCA6



00CBEC



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



FF96C8



FFE0EF



CC96FF



806E76



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



FF96C8



FF82BE



FF9896



807379



BF005B



40001E



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF96C8



FF82BE



96DFF



807379



BF005B

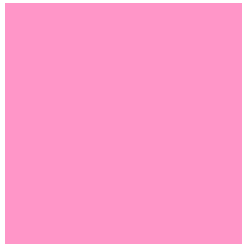


40001E



# Previews

## White Background



This preview shows how the Hex color FF96C8 looks on a white background.

## Color Contrast Check

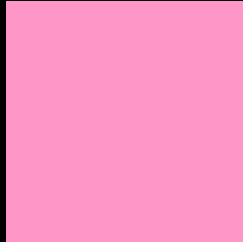
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FF96C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FF96C8 Background



This preview shows how black text looks on a background with the Hex color FF96C8.

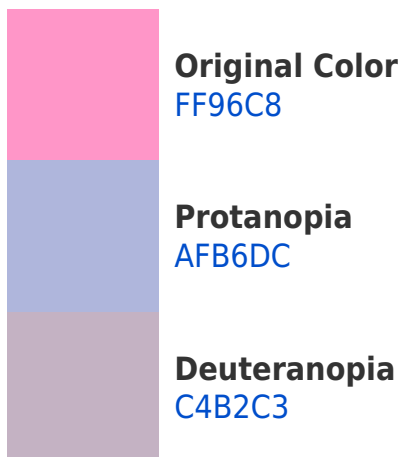


This preview shows how white text looks on a background with the Hex color FF96C8.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
FC9CA8

# Trichromacy



**Original Color**  
FF96C8



**Protanomaly**  
CCAAD5



**Deuteranomaly**  
D9A8C5

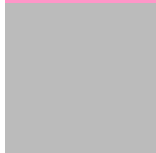


**Tritanomaly**  
FD9AB4

# Monochromacy



**Original Color**  
FF96C8



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
D4AEC0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF96C8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FF96C8 looks like.

```
.text, #text, p{  
    color:#FF96C8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FF96C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF96C8
}
```

## Border

The CSS property to change the border of an element to Hex FF96C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF96C8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FF96C8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FF96C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF96C8; -webkit-box-shadow:4px 4px  
4px 4px #FF96C8; box-shadow:4px 4px 4px  
4px #FF96C8 }
```

# Background

The CSS property to change the background color of an element to Hex FF96C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF96C8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FF96C8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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